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(54) PREPARATION OF FIBER MESH

(57)Abstract:

PURPOSE: To prepare a fiber mesh useful for the reinforcement of resins, cement, etc., easily, by peeling warped fibers fixed with a thermoplastic film, cutting the fibers to a definite length, placing the cut fibers crosswise on the other warped fibers, and fusion-bonding their crossover points.

CONSTITUTION: A thermoplastic resin film, e.g. vinyl polymer, etc., is cast onto a release paper, and warped fibers are bonded to the film surface before the resin solidifies. The warped fibers are peeled from the release paper and subsequently cut to a desired length. The cut fibers are placed crosswise on the other warped fibers, and the crossover points of the fibers are fusion-bonded by means of a hot roller, etc. to give the desired fiber mesh.

EFFECT: Free from formation of fluffs, filament breaking, etc.

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